Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 13 Jan 2023 until 23:59 on Saturday 14 Jan 2023

Forecast Issued on Friday 13 Jan 2023 at 03:11

Confidence: High for unsettled through much of the period, also for turning to a colder more sheltered northerly from Monday. Lowering confidence for detail of timing and intensity of worst of the weather before Monday, also for detail on Tuesday.

Headline for Friday 13 Jan 2023: Rather cloudy with occasional showers. Windy start.

Mountain weather hazards on Friday 13 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Cloudy	Cloudy	Sleet
Precipitation probability					
50%	50%	40%	30%	10%	90%

Forecast for Friday 13 Jan 2023

Weather: Mainly cloudy by day with showers, most frequent in the west. Showers will be heavy at times with a low risk of thunder, and possibly wintry across the very highest peaks. Becoming mostly dry from mid-afternoon. Cloud then thickening early evening, with a band of rain and summit snow moving in from the west during the evening. Wind easing during the day.

Chance of cloud-free hill tops above 600m: 60%, becoming 20% during the evening.

Low Cloud and visibility: Good, becoming moderate or poor in showers or rain, very poor in snow and within cloud with bases occasionally lowering to 500-600m as showers push through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 13 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/44 W	30/40 W	27/39 W	25/36 W	21/32 W	19/28 SW	19/27 S
300	18/38 W	18/37 W	17/34 W	16/33 W	12/28 W	12/25 SW	10/22 S
Valley	15/34 W	12/29 W	13/28 W	13/29 W	8/22 SW	11/24 SW	9/21 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-4	3/-4	2/-4	2/-4	1/-5	1/-5
300	5/0	5/0	5/0	5/0	4/-0	4/-1	3/-0
Valley	6/2	6/3	6/3	6/3	5/3	5/2	5/2
Freezing Level*	1000m	1000m	900m	900m	800m	800m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 40-50 mph will give difficult walking conditions with a risk of being blown off balance. Risk of severe wind chill on the higher slopes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 13 Jan 2023	13.6mm	34.4mm	66.8mm

Forecast for Saturday 14 Jan 2023

Weather: Overcast with periods of rain and summit snow, frequently turning heavy. Likely clearing to brighter spells and heavy showers during the late afternoon. Snow level 800m lowering to 500m later in the day.

Maximum wind: West mean 25-30mph with gusts reaching 45-50mph across most exposed ridges and summits from lunchtime.

Chance of cloud-free hill tops above 600m: Virtually nil, becoming 70% late afternoon

Low Cloud and visibility: Moderate or poor in rain, very poor in snow and within cloud with bases extensive down to 300-500m, possibly improving late afternoon.

Temperature: **Valleys:** Plus 1 Celsius increasing 9 Celsius during the afternoon
At 600m: Plus 4 Celsius decreasing Zero Celsius
Freezing level: 1000m decreasing 600m

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